



## Legislation Text

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**File #:** 13-0736, **Version:** 1

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Resolution to Approve and Appropriate funds for Amendment No. 1 to the Professional Services Agreement with Tetra Tech, Inc. (\$178,596.00) **(8 Votes Required)**

Attached for your review and approval is a resolution to approve Amendment No. 1 to the Professional Services Agreement with Tetra Tech, Inc. (formerly known as Tetra Tech GEO, Inc.) and to appropriate funds from the Solid Waste Enterprise Fund Balance without regard to fiscal year in the amount of \$178,596.00. The amended contract amount totals \$543,386.00. We are requesting an amendment to the existing contract with Tetra Tech, Inc. (TTI) for various additional tasks associated with the continued monitoring and maintenance of the Ann Arbor Landfill.

To satisfy the requirements of the Michigan Department of Environmental Quality (MDEQ), the groundwater and air in the vicinity of the landfill must be sampled and analyzed quarterly.

To select the most qualified environmental consulting firm to assist the City with the monitoring and maintenance of the Ann Arbor Landfill, a request for proposals was posted to the Michigan Inter-governmental Trade Network (MITN) BidNet® website. In response to our request, fourteen environmental consulting firms submitted proposals to perform the work. A selection committee, comprised of City staff reviewed and selected four firms to interview. After Interviews were conducted, TTI was selected as the most qualified consulting firm based on their previous work experience, their proposed work plan, their competitive fee schedule and their interview. TTI has been performing these services at the landfill since July 2007.

For many years the landfill has had a plume of 1, 4 Dioxane and Vinyl Chloride contamination offsite primarily in Southeast Area Park, northeast of the landfill. A slurry wall was constructed along approximately 4/5th of the boundary of the landfill to eliminate groundwater passing through the landfill and three purge wells were used to attempt to capture the offsite contamination. The contamination at the site is well understood and completion of several of the tasks below will result in reduced future operating costs to the Solid Waste Enterprise Fund.

Significant tasks associated with this amendment are as follows:

**Task 1: Offsite Remedial Action Plan & Coordination with MDEQ**

This task shall include the preparation of a presentation of the draft offsite Remedial Action Plan (RAP) to the Michigan Department of Environmental Quality (MDEQ) Remedial Action Team (RAT), prior to the submittal of the offsite RAP for final review and approval.

**Task 2: Directional Drilling and Well Abandonments for Purge Wells**

This task shall include the cost for completing the directional drilling and oversight for the new PW-3R-01 discharge line.

**Task 3: Greenhouse Gas Weekly Readings**

This task shall include the collection of weekly readings at the gas systems and database

management. This task also includes coordination of corrective actions with Landfill Energy Systems (LES) to correct system downtime or failures.

**Task 4: NSMCS Maintenance, Industrial User Permit and Lillie Park Sampling**

This task includes the completion and submittal of the Industrial User Permit inspection forms for City of Ann Arbor Wastewater Treatment Plant. In addition, this task includes the trouble shooting and coordination of maintenance repairs at the north side methane collection system (NSMCS) and MDEQ notification of system outage. This task also shall include the Lillie Park coordination with Pittsfield Township for sampling drinking water fountain and the cost of laboratory analytical costs.

**Task 5: Landfill Cap Tree Removals - Coordination with City, Repairs and Restoration**

This task includes the completion of hand augers to verify if 2-feet of clay is present under the sandy soil.

**Task 6: LES Generator - Resizing and Recosting Estimate**

This task includes the review of gas curves and system data. In addition a site visit to inspect the equipment will be required. The Consultant will provide options for continuing methane recovery with associated budgetary costs. This task will include a meeting with the City to discuss the options in detail.

**Task 7: Installation of Purge Well Sampling Ports on PW-1R-12 and PW-3R-12**

This shall include the installation of sampling ports on the new purge wells to reduce sampling time onsite.

**Task 8: North side Methane Collection System (NSMCS) Blower Repairs**

This task will address the blower repairs resulting from the bearings inside the blower which have flattened with use over time, causing friction, overheating and the eventual system shutdown. This task will cover the replacement of these bearings including the parts and labor for a subcontractor to replace the bearings and inspect the blower for any additional operational and maintenance issues.

**Task 9: Revise the Hydrogeological Monitoring Plan (HMP)**

This task includes the preparation and submittal of the HMP to MDEQ, which shall result in a reduction of the frequency of sampling, removes chloride from the plan, and optimizes well sampling locations for the parameters of interest.

**Task 10: Well Abandonment and Repairs**

Task includes the abandonment of approximately 20 wells, including two 6-inch wells that were former extraction wells. Task includes the general repair to existing monitoring wells and preparation of field reports to the MDEQ and Washtenaw County summarizing the well abandonment activities.

**Task 11: Additional Bioremediation**

Task includes the cost to complete an additional bioremediation injection pilot test. This task shall include the installation of six injection wells and obtaining the necessary well permits from Washtenaw County.

Tetra Tech, Inc. received Human Rights approval on June 10, 2013 and complies with the living wage ordinance.

Prepared by: Nicholas Hutchinson, P.E., Interim Project Management Manager

Reviewed by: Craig Hupy, Public Services Administrator

Approved by: Steven D. Powers, City Administrator

Whereas, To select the most qualified environmental consulting firm to assist the City with the monitoring and maintenance of the Ann Arbor Landfill, a request for proposals was issued by the City of Ann Arbor;

Whereas, TTI was selected as the most qualified consulting firm based on their previous work experience, their proposed work plan, their competitive fee schedule and their interview;

Whereas, On July 2, 2012, the City entered into an agreement with Tetra Tech, Inc. (formerly known as Tetra Tech GEO, Inc.) in the amount of \$364,790.00 for three years to provide professional environmental consulting services at the Ann Arbor Landfill;

Whereas, Tetra Tech, Inc. submitted a proposal to provide additional environmental services requested by the City for \$178,596.00 for a new total contract amount of \$543,386.00;

Whereas, Tetra Tech, Inc. has demonstrated the required experience, qualified professionals, and competitive fee schedule for the required services; and

Whereas, Adequate funds to cover the cost of this amendment are in the Solid Waste Enterprise Fund Balance; and

Whereas, Tetra Tech, Inc. received Human Rights approval on June 10, 2013 and complies with the living wage ordinance;

RESOLVED, That the City Council approve Amendment No. 1 to the Professional Services Agreement with Tetra Tech, Inc. in the amount of \$178,596.00 without regard to fiscal year;

RESOLVED, That \$178,596.00 be appropriated from the Solid Waste Fund Balance to be available without regard to fiscal year;

RESOLVED, That the Mayor and City Clerk are authorized and directed to execute said amendment after approval as to form by the City Attorney, and approval as to substance by the City Administrator; and

RESOLVED, That the City Administrator is authorized to take the necessary administrative actions to implement this resolution.